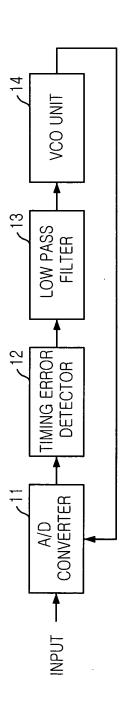
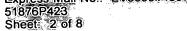
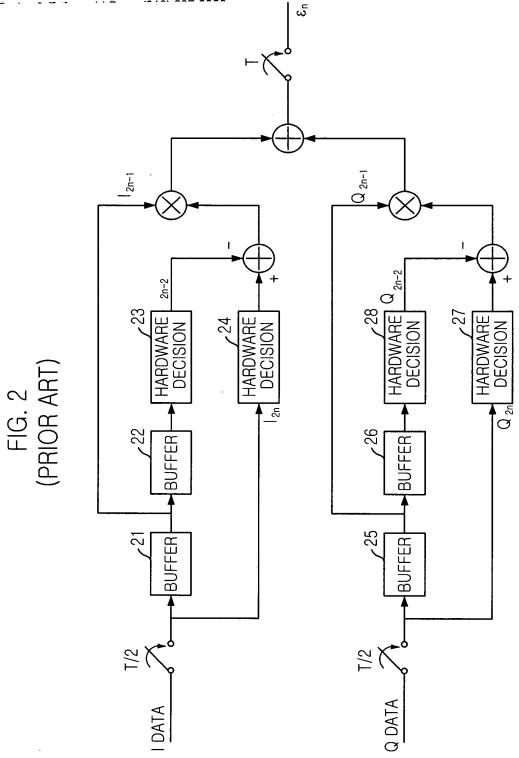
Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
Title: Apparatus and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo-Kim
Express Mail No.: EV339914807US Docket No.: 51876P423
Sheet: 1 618

FIG. 1 (PRIOR ART)

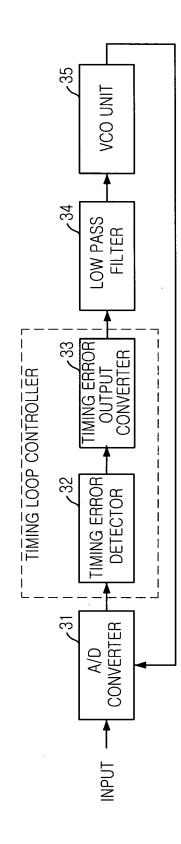


Blakely, Sokoloff, Laylor & Zatman LLP (310) 207-3800
Title: Apparatus and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail No.: EV339914807US Docket No.:
51876P423
Sheet: 2 of 8

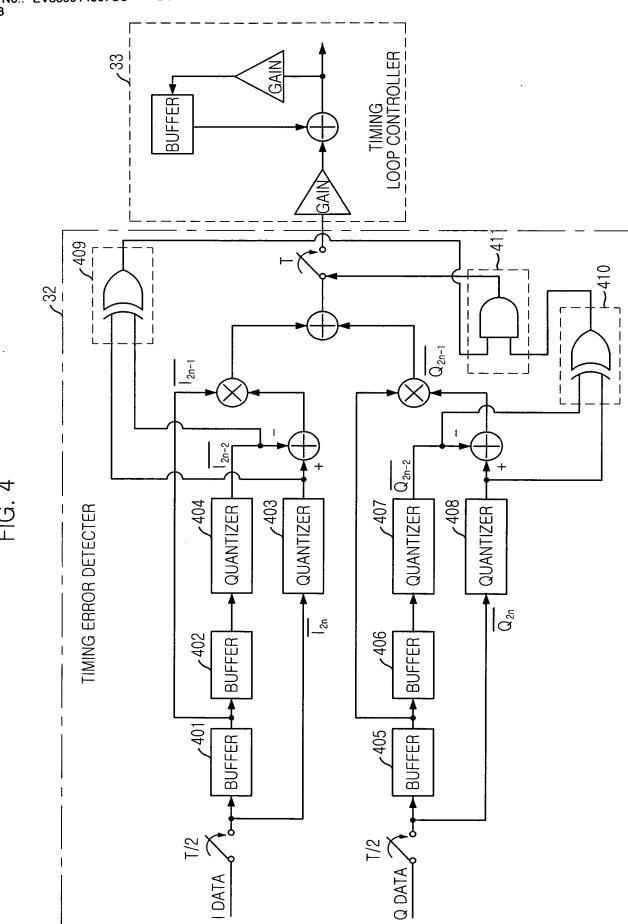




Blakely, Sokoloff, Taylor & Zatman LLP (310) 207-3800
Title: 'Apparatus' and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail No.: EV339914807US
51876P423
Sheet: 3 of 8



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
Title: Apparatus and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail No.: EV339914807US Docket No.: 51876P423
Sheet: 4 of 8



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-38
Title: Apparatus and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail No.: EV339914807US Docket No.: 51876P4
Sheet: 5 of 8 (310) 207-3800

Docket No.: 51876P423

FIG. 5A

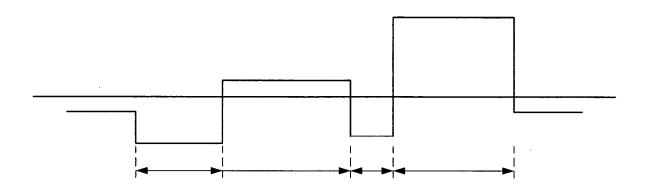


FIG. 5B

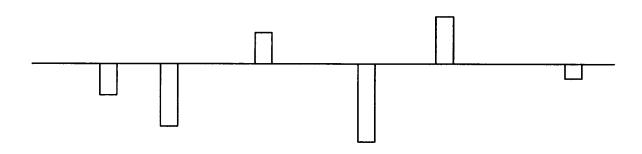
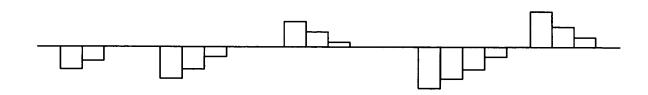


FIG. 5C



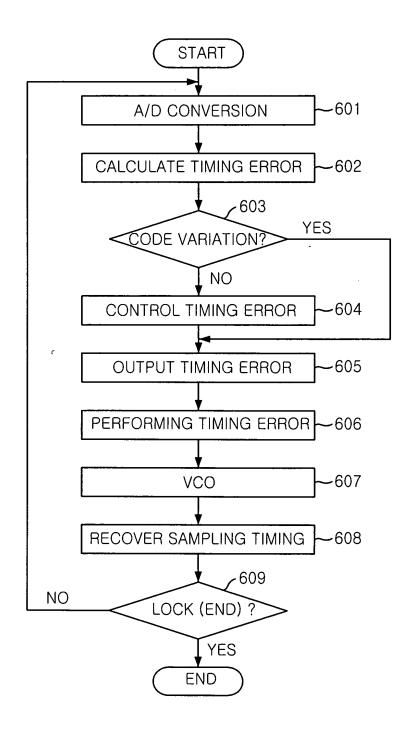
Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: Apparatus and Method for Synchronizing Symbol Timing

Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail: No. - EV339914807US

Docket No.: 51876P423

Sheet: 6 of 8

FIG. 6

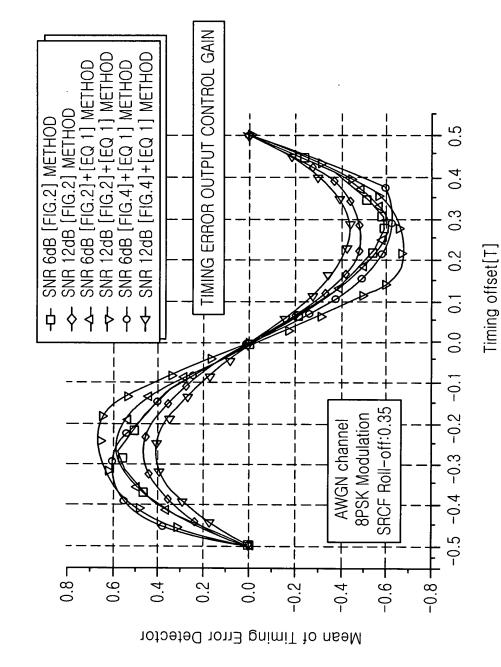


(310) 207-3800 Blakely, Sokoloff, Taylor & Zafman LLP Title: Apparatus and Method for Synchronizing Symbol Timing Using Timing Loop Controller

1st Named Inventor: PanSoo Kim Express Mail No. EV339914807US

Sheet: 7 of 8

Docket No.: 51876P423



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-38
Title: Apparatus and Method for Synchronizing Symbol Timing
Using Timing Loop Controller
1st Named Inventor: PanSoo Kim
Express Mail No.: EV339914807US Docket No.: 51876P4 (310) 207-3800

Docket No.: 51876P423

Sheet: 8 of 8

